OBSERVATIONS & RECOMMENDATIONS

After reviewing data collected from **SILVER LAKE** the program coordinators recommend the following actions.

FIGURE INTERPRETATION

- Figure 1: These graphs illustrate concentrations of chlorophyll-a in the water column. Algae are microscopic plants that are a natural part of lake ecosystems. Algae contain chlorophyll-a, a pigment necessary for photosynthesis. A measure of chlorophyll-a can indicate the abundance of algae in a lake. The historical data (the bottom graph) show a *fairly stable* in-lake chlorophyll-a trend, and although concentrations were higher than normal this year the in-lake average remains well below the state mean. Only one chlorophyll-a sample was collected this year. Concentrations are still very low in Silver Lake and the increase this year is not excessive. While algae are present in all lakes, an excess amount of any type is not welcomed. Concentrations can increase when there are external and internal sources of phosphorus, which is the nutrient algae depend upon for growth. It's important to continue the education process and keep residents aware of the sources of phosphorus and how it influences lake quality.

- Figure 2: Water clarity is measured by using a Secchi disk. Clarity, or transparency, can be influenced by such things as algae, sediments from erosion, and natural colors of the water. The graphs on this page show historical and current year data. The lower graph shows a *stable* trend in lake transparency. The higher readings in 1992 skewed the trend line, which shows a downward slope. Since 1994 the average clarity of Silver Lake has actually been steadily increasing. The average clarity remains well above the New Hampshire mean. The 2000 sampling season was considered to be wet and, therefore, average transparency readings are expected to be slightly lower than last year's readings. Higher amounts of rainfall usually cause more eroding of sediments into the lake and streams, thus decreasing clarity. The NHDES would like to work with the Silver Lake Land Trust and Lake Association to implement some Best Management Practices for erosion control in the watershed (per the recommendations in the Diagnostic Study).

- Figure 3: These figures show the amounts of phosphorus in the epilimnion (the upper layer in the lake) and the hypolimnion (the lower layer); the inset graphs show current year data. Phosphorus is the limiting nutrient for plants and algae in New Hampshire waters. Too much phosphorus in a lake can lead to increases in plant growth over time. These graphs show a *slightly worsening* trend for epilimnetic phosphorus levels and a *stable* trend for the hypolimnion. The epilimnetic values increased only a little since 1991, but seem to be stabilizing. This year's hypolimnetic average was barely elevated from the 1999 data, but was still one of the lowest averages in the history of the VLAP sampling program at Silver Lake. Both layers' averages remain well below the state median. One of the most important approaches to reducing phosphorus levels is educating the public. Humans introduce phosphorus to lakes by several means: fertilizing lawns, septic system failures, and detergents containing phosphates are just a few. Keeping the public aware of ways to reduce the input of phosphorus to lakes means less productivity in the lake. Contact the VLAP coordinator for tips on educating your lake residents or for ideas on testing your watershed for phosphorus inputs.

OTHER COMMENTS

- Sucker Brook's conductivity value was again low this year (Table 6). Last year's slight increase was not observed this summer. However, only one sample was taken at Sucker Brook this summer. Please try to sample this inlet more than once next summer so we will have a more complete data set.

- If this year's sampling events were hindered by lack of time please remember the Franklin Pierce College Water Quality Lab is open at the college in Rindge. This lab was established to reduce the driving time for the VLAP monitors in the southwestern region of the state. This lab will ensure the quality of the analyses, since the time spent driving to the lab is much less than the drive to Concord. We encourage the lake association to utilize this lab next summer for all sampling events (except for our annual visit, of course!). To find out more about the lab, or to pick up bottles and equipment, call Michele Hood, the lab manager, at (603) 899-4384.

- **Please note** on two occasions this summer the Lead Mine Inlet phosphorus concentrations were found to be less than 5 µg/L (Table 8) and the following sites also had values less than 5 µg/L: Eastside Inlet, the epilimnion, the Outlet, and Sandy Beach Inlet. The NHDES Laboratory Services adopted a new method of analyzing total phosphorus this year and the lowest value that can be recorded is less than 5 µg/L. We would like to remind the association that a reading of 5 µg/L is still considered low for New Hampshire's waters.

- The dissolved oxygen was slightly lower than normal in August this year (Table 9). There was a slight breeze at the time of the test and the dissolved oxygen probe may have been affected. We would like to return to the Lake next August for another profile. Contact the VLAP Coordinator at (603) 271-2658 this spring to schedule our visit.

- The NHDES Dam Bureau has made a ruling to maintain the summer lake level at the zero-foot mark, as the lake has been doing for several years.

NOTES

- Monitor's Note (8/24/00): Chlorophyll-a sample taken with tube to 8 meters, then ¼ of Kemmerer bottle at 9, 10, and 11 meters.

USEFUL RESOURCES

Camp Road Maintenance Manual: A Guide for Landowners. Kennebec Soil and Water Conservation District, 1992. (207) 287-3901

Wetlands: More Important Than You Think, NHDES Booklet, (603) 271-3503 or www.state.nh.us

Handle With Care: Your Guide to Preventing Water Pollution. Terrene Institute, 1991. (703) 661-1582.

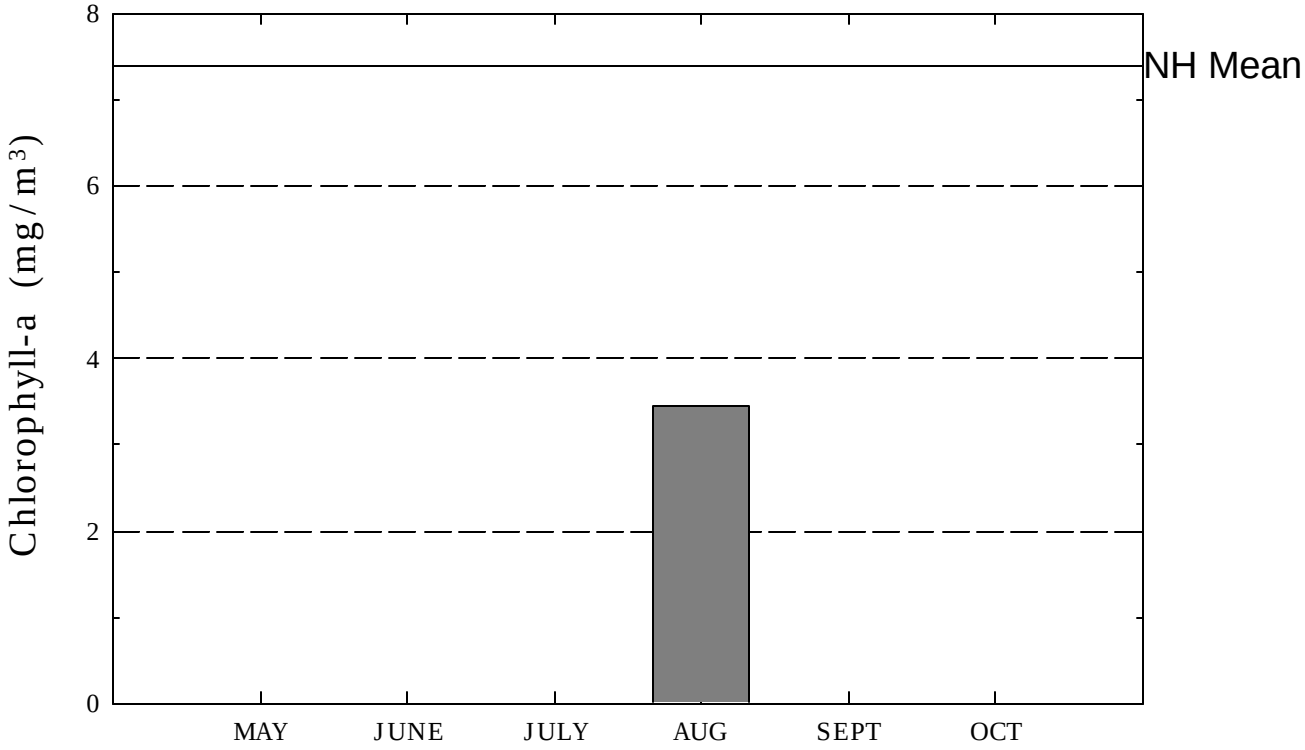
*Low Impact Boatin*g, NH Lakes Association pamphlet, (603) 226-0299 or www.nhlakes.org

Answers to Common Lake Questions, NHDES-WSPCD-92-12, NHDES Booklet, (603) 271-3503.

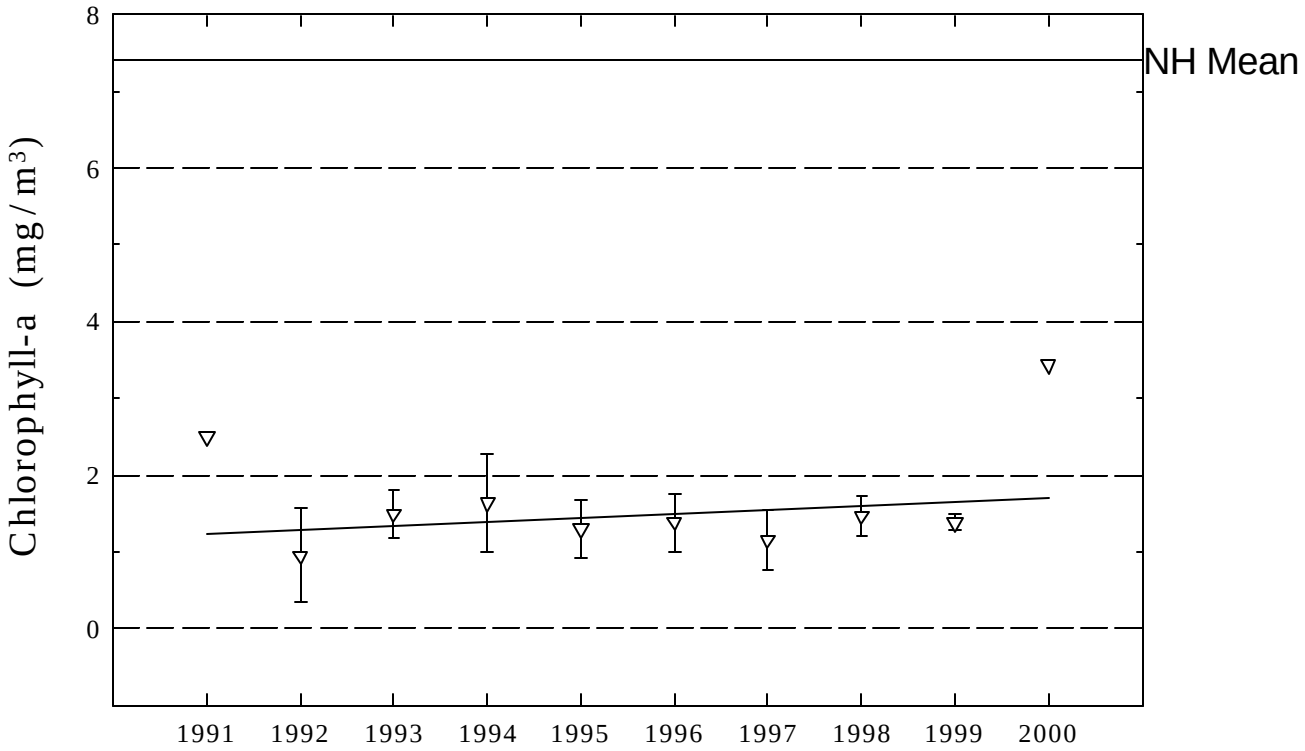
Lake Protection Tips: Some Do's and Don'ts for Maintaining Healthy Lakes, WD-BB-9, NHDES Fact Sheet, (603) 271-3503 or www.state.nh.us

Silver Lake

Figure 1. Monthly and Historical Chlorophyll-a Results



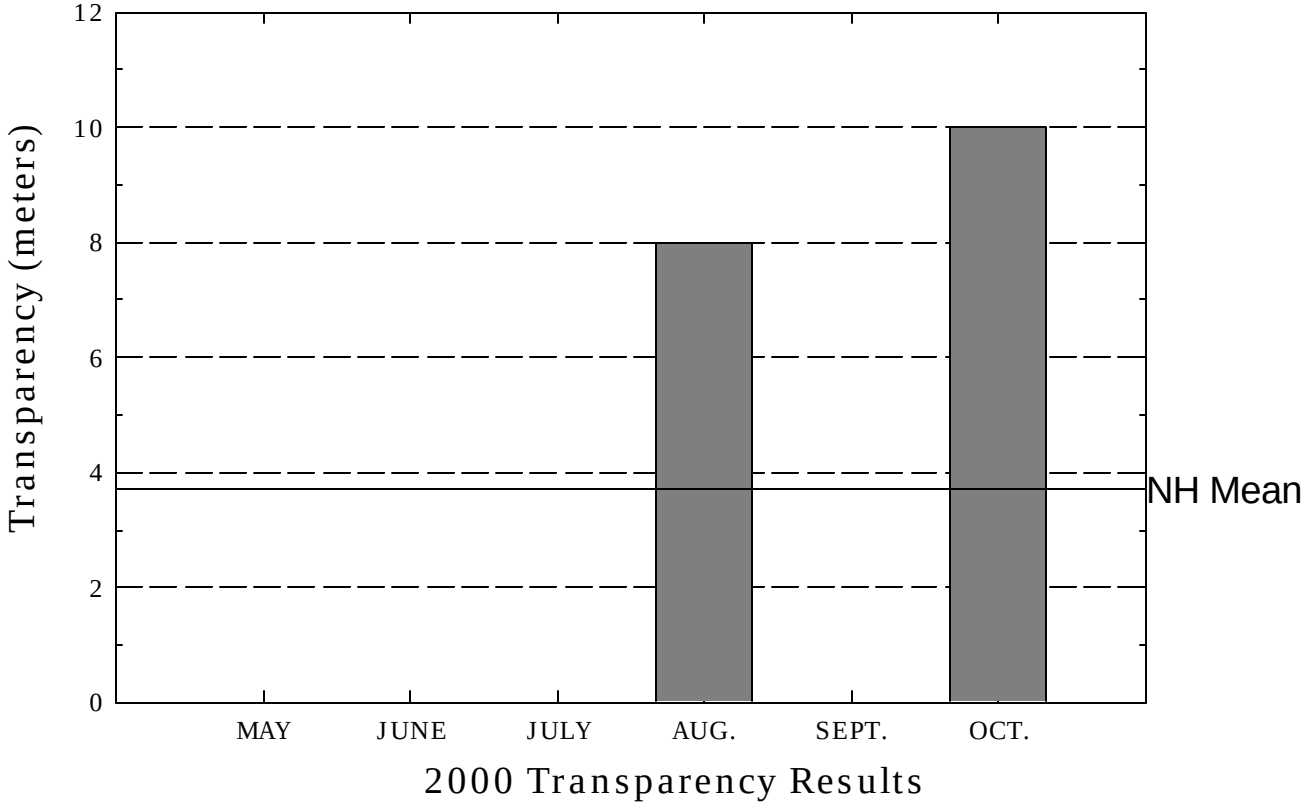
2000 Chlorophyll-a Results

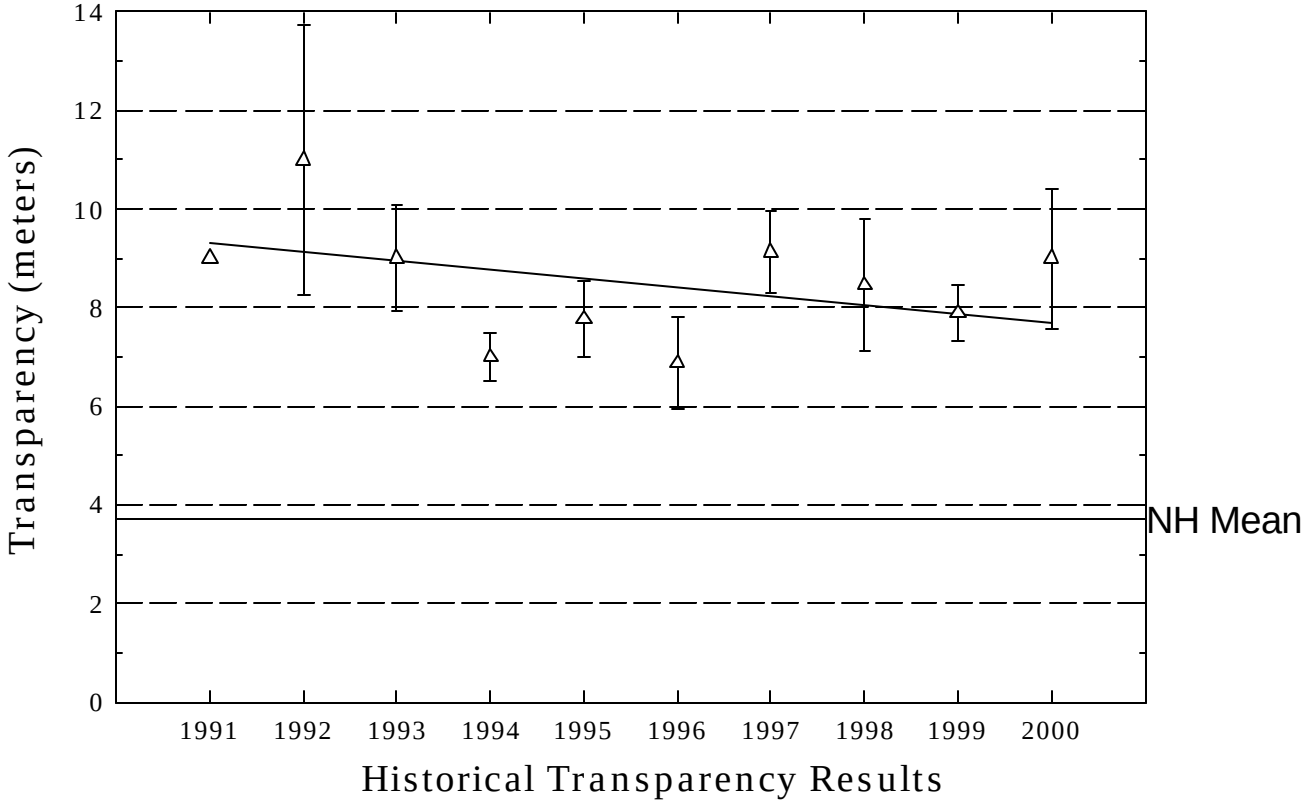


Historical Chlorophyll-a Results

Silver Lake

Figure 2. Monthly and Historical Transparency Results





Silver Lake

Figure 3. Monthly and Historical Total Phosphorus Data.

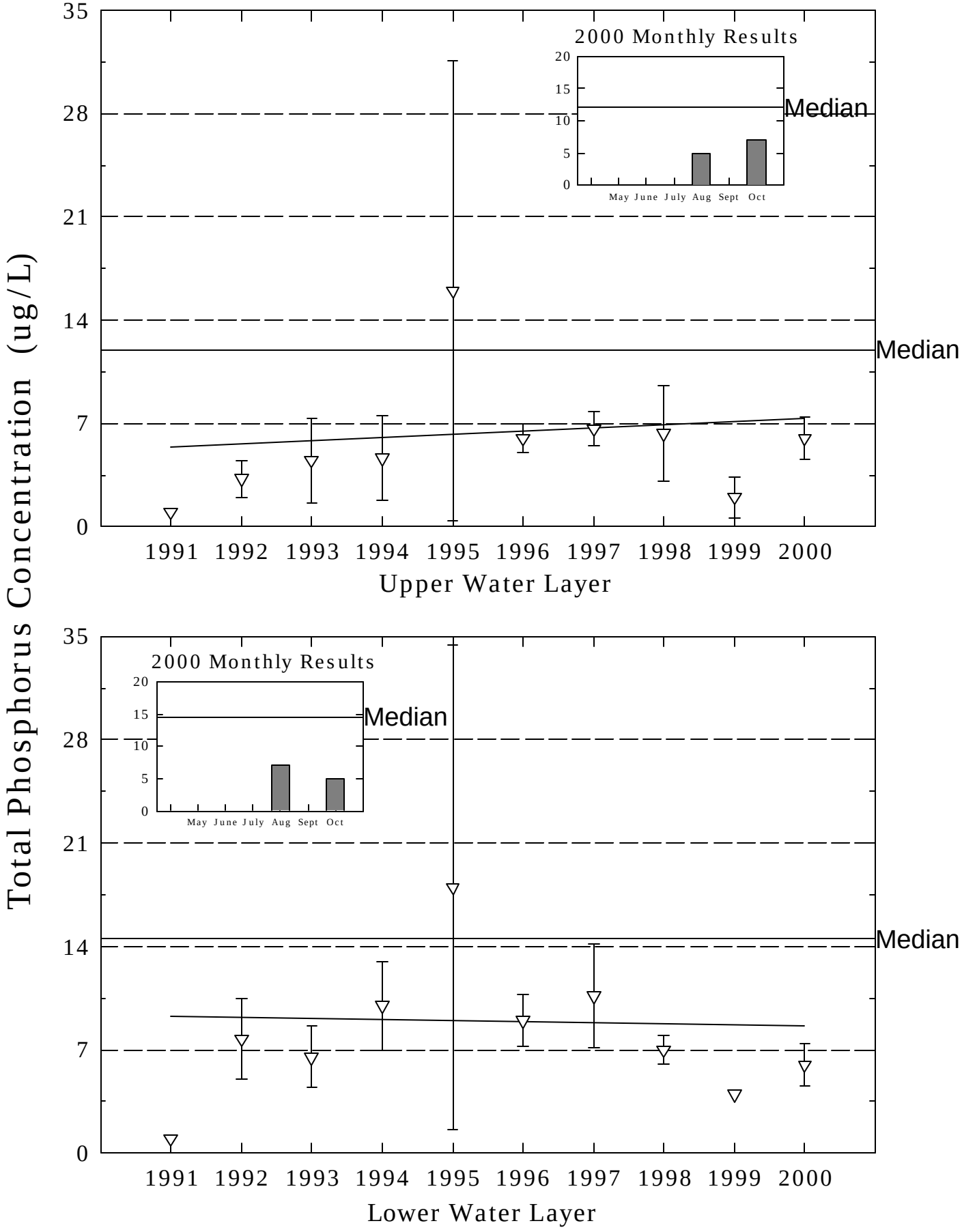


Table 1.

SILVER LAKE
HARRISVILLE

Chlorophyll-a results (mg/m^3) for current year and historical sampling periods.

Year	Minimum	Maximum	Mean
1991	2.50	2.50	2.50
1992	0.36	1.80	0.94
1993	1.07	1.81	1.49
1994	1.09	2.35	1.63
1995	0.76	1.66	1.29
1996	0.95	1.66	1.38
1997	0.71	1.47	1.15
1998	0.92	2.56	1.43
1999	1.31	1.45	1.38
2000	3.44	3.44	3.44

Table 2.

SILVER LAKE

HARRISVILLE

Phytoplankton species and relative percent abundance.

Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
08/16/1991	CHRYSOSPHAERELLA	41
	DINOBRYON	39
	TABELLARIA	13
05/29/1992	DINOBRYON	55
	TABELLARIA	8
	ASTERIONELLA	5
05/24/1993	CRYPTOMONAS	88
06/22/1994	DINOBRYON	35
	CHRYSOSPHAERELLA	16
05/19/1995	UNKNOWN SMALL COCCOID	27
	DINOBRYON	19
	COELOSPHAERIUM	15
06/13/1996	TABELLARIA	27
	ARTHRODESMUS	21
	DINOBRYON	19
07/30/1997	SYNURA	29
	TABELLARIA	23
	DINOBRYON	17
08/27/1997	CHRYSOSPHAERELLA	42
	DINOBRYON	30
	TABELLARIA	14
06/09/1998	ASTERIONELLA	67
	CHRYSOSPHAERELLA	13
	DICTYOSPHAERIUM	10
06/30/1998	CHRYSOSPHAERELLA	74
	DINOBRYON	10
07/15/1998	CHRYSOSPHAERELLA	37
	DINOBRYON	28
	TABELLARIA	21

Table 2.

SILVER LAKE

HARRISVILLE

Phytoplankton species and relative percent abundance.

Summary for current and historical sampling seasons.

Date of Sample	Species Observed	Relative % Abundance
08 / 04 / 1998	TABELLARIA	23
	SYNURA	19
	PERIDINIUM	16
08 / 26 / 1998	PERIDINIUM	41
	DINOBRYON	13
	TABELLARIA	13
07 / 22 / 1999	DINOBRYON	19
	MALLOMONAS	19
	STAURASTRUM	17
08 / 24 / 2000	ASTERIONELLA	42
	SYNURA	22
	CERATIUM	

Table 3.

SILVER LAKE

HARRISVILLE

Summary of current and historical Secchi Disk transparency results (in meters).

Year	Minimum	Maximum	Mean
1991	9.0	9.0	9.0
1992	8.0	14.0	11.0
1993	7.5	10.0	9.0
1994	6.5	7.5	7.0
1995	6.8	8.5	7.7
1996	5.8	7.5	6.8
1997	8.2	9.8	9.1
1998	7.5	9.4	8.2
1999	7.5	8.3	7.9
2000	8.0	10.0	9.0

Table 4.

SILVER LAKE

HARRISVILLE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
EAST FARM HILL				
	1992	5.39	5.39	5.39
EAST HILL #1				
	1995	5.26	5.26	5.26
	1996	4.88	4.88	4.88
EAST HILL #2				
	1995	6.14	6.14	6.14
EASTSIDE INLET				
	1992	5.24	5.54	5.41
	1993	5.37	5.55	5.45
	1994	5.41	5.78	5.56
	1996	5.49	5.49	5.49
	1998	4.94	5.25	5.08
	2000	5.59	5.59	5.59
EPILIMNION				
	1991	6.30	6.30	6.30
	1992	6.26	6.38	6.32
	1993	6.31	6.52	6.37
	1994	6.31	6.80	6.45
	1995	6.14	6.55	6.33
	1996	5.86	6.30	6.02
	1997	6.12	6.83	6.37
	1998	6.06	6.49	6.25
	1999	6.33	6.39	6.36

Table 4.

SILVER LAKE

HARRISVILLE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	2000	6.16	6.16	6.16
HYPOLIMNION				
	1991	5.80	5.80	5.80
	1992	5.81	6.02	5.90
	1993	5.64	6.01	5.86
	1994	5.74	5.83	5.79
	1995	4.75	5.99	5.28
	1996	5.66	5.84	5.74
	1997	5.71	6.31	5.88
	1998	5.71	6.00	5.81
	1999	5.76	6.16	5.92
	2000	6.26	6.26	6.26
LEAD MINE 2				
	1998	5.56	5.62	5.59
LEAD MINE INLET				
	1992	6.46	6.82	6.60
	1993	6.57	6.76	6.65
	1994	6.07	6.07	6.07
	1995	6.42	6.55	6.48
	1996	6.07	6.32	6.18
	1998	6.25	6.48	6.35
	2000	6.09	6.34	6.20

Table 4.

SILVER LAKE

HARRISVILLE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
METALIMNION				
	1991	6.80	6.80	6.80
	1992	6.01	6.49	6.24
	1993	5.88	7.05	6.14
	1994	5.99	6.60	6.27
	1995	5.89	6.33	6.09
	1996	5.79	6.23	5.91
	1997	6.21	6.40	6.29
	1998	6.22	6.45	6.35
	1999	6.16	6.25	6.20
	2000	5.82	6.54	6.05
NELSON INLET				
	1992	6.48	6.48	6.48
OUTLET				
	1991	6.30	6.30	6.30
	1992	6.05	6.34	6.22
	1993	6.28	6.61	6.43
	1994	6.07	6.89	6.25
	1995	6.33	6.42	6.36
	1996	5.77	6.37	6.05
	1997	6.05	6.42	6.18
	1998	6.07	6.27	6.19
	1999	6.26	6.37	6.31
	2000	6.34	6.34	6.34

Table 4.

SILVER LAKE

HARRISVILLE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
PUTNAM SPRING				
	1995	5.90	5.91	5.90
	1997	6.00	6.00	6.00
SANDY BEACH 2				
	1998	6.18	6.75	6.37
	1999	6.51	6.51	6.51
SANDY BEACH INLET				
	1991	6.20	6.20	6.20
	1992	6.24	6.63	6.34
	1993	6.23	6.68	6.40
	1994	6.14	6.32	6.24
	1995	6.18	6.27	6.22
	1996	5.94	6.29	6.08
	1998	5.93	6.14	6.01
	1999	6.32	6.32	6.32
	2000	6.39	6.55	6.44
SUCKER BK				
	1992	5.21	5.41	5.33
	1993	5.01	5.49	5.23
	1994	4.97	5.07	5.03
	1995	5.28	5.82	5.53
	1996	4.90	5.44	5.15
	1998	5.20	5.63	5.34
	1999	5.28	5.49	5.37

Table 4.

SILVER LAKE

HARRISVILLE

pH summary for current and historical sampling seasons.
Values in units, listed by station and year.

Station	Year	Minimum	Maximum	Mean
	2000	5.91	5.91	5.91
SUCKER UPPER W SWAMP				
	1993	4.76	4.76	4.76
UPPER SUCKER BK				
	1992	5.42	5.42	5.42
	1993	5.89	5.89	5.89

Table 5.

SILVER LAKE

HARRISVILLE

Summary of current and historical Acid Neutralizing Capacity.
Values expressed in mg/L as CaCO .

Epilimnetic Values

Year	Minimum	Maximum	Mean
1991	1.30	1.30	1.30
1992	1.00	1.60	1.25
1993	1.10	1.70	1.45
1994	1.20	2.00	1.47
1995	1.50	2.00	1.83
1996	1.10	2.90	1.77
1997	0.90	1.60	1.23
1998	1.10	1.80	1.48
1999	1.20	1.60	1.40
2000	1.40	1.50	1.45

Table 6.

SILVER LAKE
HARRISVILLE

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
EAST FARM HILL				
	1992	30.2	30.2	30.2
EAST HILL #1				
	1995	38.2	38.2	38.2
	1996	25.4	25.4	25.4
EAST HILL #2				
	1995	20.9	20.9	20.9
EASTSIDE INLET				
	1992	28.4	35.5	32.9
	1993	32.8	34.3	33.5
	1994	32.6	34.8	33.7
	1996	28.4	28.4	28.4
	1998	23.1	29.5	26.1
	2000	26.6	26.6	26.6
EPILIMNION				
	1991	25.3	25.3	25.3
	1992	25.1	27.5	26.0
	1993	24.5	25.9	25.0
	1994	25.2	27.1	25.9
	1995	22.8	25.8	24.5
	1996	24.9	26.0	25.5
	1997	23.5	24.8	24.2
	1998	24.1	24.5	24.2
	1999	25.3	25.7	25.5
	2000	24.6	25.2	24.9

Table 6.

SILVER LAKE
HARRISVILLE

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
HYPOLIMNION				
	1991	26.4	26.4	26.4
	1992	25.7	26.2	25.8
	1993	25.0	26.4	25.5
	1994	27.0	28.9	28.0
	1995	22.4	26.3	24.7
	1996	26.4	28.7	27.3
	1997	23.1	25.8	24.8
	1998	24.8	25.8	25.2
	1999	25.2	26.5	25.8
	2000	25.4	25.5	25.5
LEAD MINE 2				
	1998	17.3	17.5	17.4
LEAD MINE INLET				
	1992	29.4	29.4	29.4
	1993	25.5	29.3	27.4
	1994	21.7	21.7	21.7
	1995	23.4	25.7	24.5
	1996	23.1	25.4	24.2
	1998	24.3	25.4	24.8
	2000	23.5	25.0	24.2
METALIMNION				
	1991	24.1	24.1	24.1
	1992	24.6	26.1	25.2
	1993	24.4	26.3	25.2

Table 6.

SILVER LAKE
HARRISVILLE

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
	1994	25.4	25.7	25.5
	1995	21.2	25.0	23.7
	1996	24.9	28.7	26.8
	1997	23.0	24.0	23.6
	1998	23.7	24.6	24.2
	1999	25.0	25.3	25.1
	2000	25.1	26.1	25.6
NELSON INLET				
	1992	26.1	26.1	26.1
OUTLET				
	1991	25.4	25.4	25.4
	1992	25.9	28.4	26.9
	1993	26.5	27.9	27.0
	1994	25.9	28.0	26.7
	1995	25.7	26.9	26.2
	1996	25.6	27.0	26.2
	1997	24.6	27.1	25.7
	1998	23.4	25.6	24.8
	1999	30.6	46.0	38.3
	2000	25.3	25.3	25.3
PUTNAM SPRING				
	1995	26.2	28.8	27.5
	1997	26.6	26.6	26.6
SANDY BEACH 2				
	1998	24.6	38.9	29.0

Table 6.

SILVER LAKE
HARRISVILLE

Specific conductance results from current and historic sampling seasons. Results in uMhos/cm.

Station	Year	Minimum	Maximum	Mean
	1999	29.0	29.0	29.0
SANDY BEACH INLET				
	1991	28.1	28.1	28.1
	1992	27.0	30.2	28.4
	1993	24.6	44.2	34.4
	1994	24.1	36.4	29.4
	1995	25.1	34.0	28.3
	1996	25.6	41.2	31.1
	1998	25.6	25.9	25.7
	1999	26.8	26.8	26.8
	2000	28.1	28.3	28.2
SUCKER BK				
	1992	16.5	19.5	17.9
	1993	16.8	48.5	26.0
	1994	17.9	21.4	19.7
	1995	15.9	26.6	20.3
	1996	18.0	20.7	19.5
	1998	16.1	18.1	16.9
	1999	24.3	41.7	33.0
	2000	20.1	20.1	20.1
SUCKER UPPER W SWAMP				
	1993	22.9	22.9	22.9
UPPER SUCKER BK				
	1992	16.6	16.6	16.6
	1993	21.8	21.8	21.8

Table 8.

SILVER LAKE

HARRISVILLE

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
23-25 WEST SIDE RD				
	1996	12	12	12
48-50 EAST SIDE RD				
	1996	14	14	14
62 EAST SIDE				
	1996	20	20	20
68 EAST SIDE				
	1996	5	5	5
76-78 EAST SIDE RD				
	1996	4	4	4
EAST FARM HILL				
	1992	17	17	17
	1996	6	6	6
EAST HILL #1				
	1995	9	9	9
EAST HILL #2				
	1995	12	12	12
EASTSIDE INLET				
	1992	2	4	3
	1993	1	2	1
	1994	2	4	3
	1996	5	5	5
	1998	1	5	3
	2000	< 5	5	5

Table 8.

SILVER LAKE

HARRISVILLE

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
EPILIMNION				
	1991	1	1	1
	1992	2	5	3
	1993	1	8	4
	1994	3	8	4
	1995	5	39	16
	1996	5	7	6
	1997	6	8	6
	1998	1	10	4
	1999	1	3	2
	2000	< 5	7	6
HYPOLIMNION				
	1991	1	1	1
	1992	5	11	7
	1993	4	9	6
	1994	7	13	10
	1995	7	42	18
	1996	7	10	9
	1997	7	14	10
	1998	4	25	10
	1999	4	4	4
	2000	5	7	6
LEAD MINE 2				
	1998	1	10	5

Table 8.

SILVER LAKE

HARRISVILLE

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
LEAD MINE INLET				
	1992	3	5	4
	1993	5	7	6
	1994	1	1	1
	1995	7	7	7
	1996	5	9	7
	1998	1	13	7
	2000	< 5	5	5
METALIMNION				
	1991	1	1	1
	1992	2	8	4
	1993	1	6	4
	1994	8	8	8
	1995	5	13	7
	1996	5	10	6
	1997	3	12	8
	1998	2	6	4
	1999	1	4	2
	2000	6	7	6
NELSON INLET				
	1996	5	5	5
OUTLET				
	1991	1	1	1
	1992	3	3	3
	1993	1	3	2

Table 8.

SILVER LAKE

HARRISVILLE

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
	1994	3	6	4
	1995	6	10	7
	1996	4	6	5
	1997	4	7	5
	1998	1	8	4
	1999	8	14	11
	2000	< 5	5	5
PUTNAM SPRING				
	1995	5	10	7
	1997	63	63	63
SANDY BEACH 2				
	1998	1	25	9
	1999	5	5	5
SANDY BEACH INLET				
	1991	4	4	4
	1992	4	7	5
	1993	3	9	6
	1994	2	22	11
	1995	9	18	12
	1996	4	10	6
	1998	5	19	11
	1999	13	13	13
	2000	< 5	11	7
SUCKER BK				
	1992	18	23	20

Table 8.

SILVER LAKE

HARRISVILLE

Summary historical and current sampling season Total Phosphorus data. Results in ug/L.

Station	Year	Minimum	Maximum	Mean
	1993	6	14	10
	1994	8	20	15
	1995	17	25	21
	1996	17	28	21
	1997	40	40	40
	1998	7	37	25
	1999	18	34	26
	2000	9	9	9
SUCKER UPPER W SWAMP				
	1993	18	18	18
UPPER SUCKER BK				
	1992	18	18	18
	1993	16	16	16
	1995	14	14	14

Table 9.

SILVER LAKE

HARRISVILLE

Current year dissolved oxygen and temperature data.

Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
		August 24, 2000	
0.1	20.5	8.2	91.4
1.0	20.4	8.2	90.5
2.0	20.3	8.2	90.6
3.0	20.2	8.2	90.3
4.0	20.1	8.2	90.3
5.0	20.1	8.2	90.6
6.0	20.1	8.2	90.2
7.0	20.0	8.2	90.2
8.0	19.9	8.3	91.4
9.0	14.9	11.3	112.1
10.0	12.0	11.7	108.3
11.0	10.8	11.4	102.6
12.0	10.0	10.8	95.9
13.0	9.2	9.2	80.1
14.0	8.7	8.2	70.0
15.0	8.4	7.2	61.2
16.0	8.2	6.4	54.3
17.0	8.1	6.1	51.5
18.0	8.0	5.0	42.5
19.0	7.9	4.8	40.1
20.0	8.0	3.4	28.5
21.0	8.6	2.2	19.0
22.0	9.1	1.4	12.3
23.0	9.2	1.5	12.9
24.0	9.3	1.5	13.5
25.0	9.5	1.7	14.5
26.0	9.7	2.0	18.0

Table 10.

SILVER LAKE

HARRISVILLE

Historic Hypolimnetic dissolved oxygen and temperature data.

Date	Depth (meters)	Temperature (celsius)	Dissolved Oxygen (mg/L)	Saturation (%)
August 16, 1991	25.0	8.0	5.5	46.3
May 29, 1992	28.0	5.9	9.9	79.1
July 31, 1992	28.0	7.0	6.8	55.8
May 24, 1993	28.0	5.5	10.4	81.0
June 24, 1994	34.0	7.0	4.4	36.0
May 19, 1995	28.0	6.4	5.0	40.0
August 24, 1995	24.5	8.2	3.0	25.0
June 13, 1996	29.0	7.2	8.4	69.0
July 30, 1997	27.0	8.2	5.5	46.0
August 27, 1997	28.0	9.3	0.6	5.0
July 15, 1998	20.0	7.5	10.0	82.0
August 4, 1998	21.0	7.7	7.3	60.0
August 26, 1998	26.0	7.5	3.9	31.0
June 29, 1999	27.0	8.4	9.3	78.0
August 24, 2000	26.0	9.7	2.0	18.0

Table 11.

SILVER LAKE
HARRISVILLE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
EASTSIDE INLET				
	1998	0.0	0.2	0.1
	2000	0.1	0.1	0.1
EPILIMNION				
	1997	0.1	0.2	0.1
	1998	0.1	0.2	0.1
	1999	0.3	0.5	0.4
	2000	0.2	0.4	0.3
HYPOLIMNION				
	1997	0.1	0.6	0.4
	1998	0.1	0.6	0.3
	1999	0.2	0.3	0.3
	2000	0.3	0.4	0.3
LEAD MINE 2				
	1998	0.1	0.1	0.1
LEAD MINE INLET				
	1998	0.1	2.4	1.2
	2000	0.0	0.2	0.1
METALIMNION				
	1997	0.1	0.2	0.2
	1998	0.1	1.2	0.4
	1999	0.3	0.4	0.3
	2000	0.3	0.4	0.3
OUTLET				
	1997	0.2	0.3	0.2

Table 11.

SILVER LAKE
HARRISVILLE

Summary of current year and historic turbidity sampling.
Results in NTU's.

Station	Year	Minimum	Maximum	Mean
	1998	0.1	0.4	0.2
	1999	1.3	4.0	2.6
	2000	0.3	0.3	0.3
PUTNAM SPRING				
	1997	12.8	12.8	12.8
SANDY BEACH 2				
	1998	0.1	2.2	0.6
	1999	0.4	0.4	0.4
SANDY BEACH INLET				
	1998	0.1	3.3	1.0
	1999	1.6	1.6	1.6
	2000	0.1	0.2	0.1
SUCKER BK				
	1997	1.3	1.3	1.3
	1998	0.3	2.8	1.0
	1999	0.6	0.7	0.6
	2000	0.2	0.2	0.2